

PROBABILITIES.
A little milder; south-
west winds, and local
snow flurries.

McGill Daily

"DAILY" PHONES.
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MONTREAL, WEDNESDAY, FEBRUARY 9, 1916.

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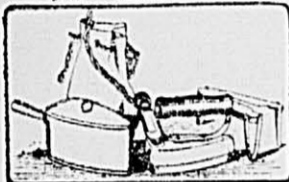
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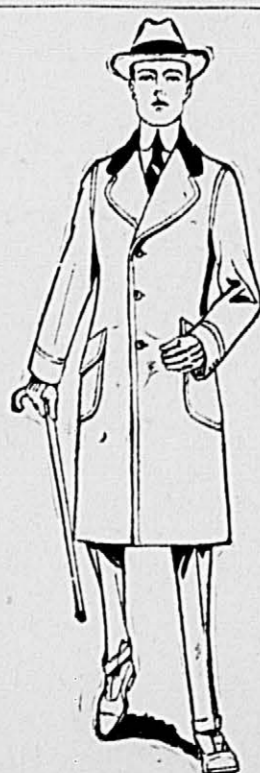
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SKATING PARTY TO-NIGHT

THE LIFE OF A SIGNALLER

Pte. R. M. Dobson, Arts '17,
With the P.C.C.L.I.

"A GOOD JOB," HE SAYS

Graduate in Medicine is the O.C.
No. 5 Canadian General
Hospital at Salonika.

Signaller R. M. Dobson, Arts '17, serving with the Princess Patricia's Canadian Light Infantry in France, writes as follows to a classmate: "Even the infantry has its little disadvantages, and every time I get on the march I wish I was in the cavalry or the artillery, or any old place where you don't have to carry a pack. "We came up to the trenches this afternoon, and as the distance was only between three or four miles, everybody had a lot of extra junk. There are three fellows on my sta-

SKATING PARTY TO-NIGHT.

Third Affair of the Year Expected to Surpass All Previous Ones.

The third skating party of the year will be held this evening. The two previous ones were so successful and so much enjoyed by all that there is no fear on the part of the Y.M.C.A. and Y.W.C.A. concerning the success of tonight's function.

The arrangements made are the same as for the other skating parties. For those who have not already attended, they are as follows: All will meet in the Strathcona Hall, where programmes will be filled, after which all will adjourn to the Campus Rink. Owing to the Senior Play on Friday, the 11th, the skating party was arranged for this evening.

All should make a point of attending these "get-togethers," as they are the only social affairs this year where the men and women of McGill can become acquainted and spend a very enjoyable evening.

DR. BARNES ON "THE SUBMARINE"

Large Audience Listened to Interesting Address in R.V.C.

FIRST SUBMARINE IN 1620

Lecture Illustrated By Lantern Slides; Many Inventions in Submarines Lately.

An exceptionally interesting and instructive lecture on the submarine was given by Dr. Howard T. Barnes last night before a large audience in the R.V.C. convocation hall. Miss Hurlbatt introduced the speaker and referred to his successful efforts in the department of physics, and the importance of the subject upon which Dr. Barnes was to speak.

The first submarine was built in 1620 by a Dutchman. It was a fishing boat, with applied oars, the space around the oars being plugged with leather, and provided with sufficient weight to put it under water. This attempt was quite a success, and a journey of six miles on a stretch could be made. This boat created interest and it was held that the inventor had an elixir or vital spark in a bottle, which he uncorked at intervals to supply air.

The next attempt to build a submarine was made by a man called Day in the latter part of the 17th century. He weighted a closed vessel and experimented to find out how long he could stay under water. Being in poor circumstances Day took a chance and went to a sporting man telling him of his invention, and offering him £100 for every £1,000 he could make on it. The matter was taken up, Day went to the North Sea—descended in his boat and was never heard of again. He, Dr. Barnes remarked, was the first victim of the submarine.

In 1719 David Pushwell experimented with a submarine off the coast of Maine. His boat was like two turtle shells put together—a lead rudder, screws and pump, and a charge of powder.

Robert Fulton, known for his work on the steam boat, was interested in the construction of submarines. His boat was a metal one, 20 ft. long and seven feet in diameter—and was provided with a sail, and was capable of going from three to four miles an hour. He realized its value in warfare and took it to France—but the French were shocked by such an underhand method of contest and would have nothing to do with it. The English government was of the same opinion.

In 1864 the American submarine was used to a much greater extent—the first battleship was broken up by a spar torpedo. This submarine was never totally under the water and was called a David. A crew of eight men was maintained and five trips were necessary before the ship was struck. Thirty-five out of the crew of forty were drowned.

Norfolk in 1855 was the first to successfully apply steam propulsion under water. The boiler was closed up and the submarine ran on the steam.

MANDOLIN PLAYERS.

The Mandolin Club will rehearse to-day in Peate's Studio at 5 P.M. A full attendance is requested, as this will be the last practice before the Senior Play.

OTTO DEMUTH HAS TYPHOID

Pays Splendid Tribute to Medical Faculty of Old McGill.

MALTA A VAST HOSPITAL

25,000 Patients Can Be Accommodated at British Naval Base in Mediterranean.

"McGill is indeed respected by every medical graduate I have yet met. We did not realize from what an excellent college we were graduated, until we were thrown out into the world and had to stand on our feet," writes Lieut. Otto Demuth, Med. '15, Royal Army Medical Corps, in the course of a letter to "Pep" Paisley, Lieut. Demuth, who was a team-mate of "Pep" on the senior McGill football squad, is a patient at the Intarfa Military Hospital, in Malta, suffering from typhoid fever. He went overseas



LIEUT. OTTO DEMUTH,
Medicine '15,
Royal Army Medical Corps.

with No. 3 Canadian General Hospital (McGill) and obtained his commission in the Royal Army Medical Corps after reaching England. He has since been serving at St. George's Hospital in Malta. He writes:

"I am a patient myself now in this hospital with typhoid fever. So mild has been my attack that I performed my duty during three weeks of my illness. However, I was so bad that Nature forced me to give up the struggle, and I concluded I had a mild attack of typhoid fever. The Officer Commanding St. George's Military Hospital sent me off here to an officers' hospital, and I have been here since January 7th. For days my temperature remained up, but on the twenty-second day of my illness it became normal, and has remained so ever since. However, I am still confined to bed, and feel feeble on my pins.

"Three hundred and eighty-six patients have I had the pleasure to treat since coming here, and I am glad to report that I have only lost one. Cecil Kean, a fellow graduate and classmate, is with me. He is assistant to Col. Purves Stewart, one of the visiting physicians at Malta.

"I was Medical Officer to the seriously ill wards at St. George's, where I had seventy patients under me all the time. These two positions for young graduates of Old McGill speaks highly of the school from which we come. McGill is indeed respected by every medical graduate I have met yet. We did not realize from what an excellent college we were graduated until we were thrown out into the world and had to stand on our feet. The Surgeon-General told us we would have a great task in upholding the high standard of McGill graduates, and we have tried our best to keep up her good name.

"To all our teachers and professors we feel deeply indebted. It is a wonderful school that educated one in such a way that if that particular individual carries out the principles he has been taught, he can in almost every case arrive at the proper diagnosis, even when years of experience could do no better. To think a young fellow just out of college can diagnose the most difficult cases if he only follows out what he has been taught is wonderful. All praise to Old McGill.

"Benj. McNaughton, one of my classmates, I heard was drowned. (Ed. note: Dr. McNaughton was saved from the Marquette.) We received the report that Philip Belanger was also drowned, but this we do not think true.

"Another graduate, William Templeman, is here in Malta with acute nephritis. He is nearly better now, and

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Well, we forbear to mention that. You would not believe it possible.



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Give the Students a Say

We have the word of the Principal of the University that the first sod in the construction of the proposed student residences, a portion of the cost of which has already been provided for through the munificence of Dr. James Douglas, who is one of the best friends of education in Canada, is to be turned this spring. The residences are to occupy a commanding situation in Macdonald Park, the old Molson-Law property, overlooking the new Stadium, which has already been opened.

It is said that the plans for these residences have not yet been approved by the Governors of the University, and, should this be the case, The McGill Daily would offer the suggestion that steps be taken, before the architects' plans are adopted, to consult with a responsible, representative student body as to the suitability of the buildings which the students are to use. Everyone knows of the fussy architects who think they know all about the wants and needs of other people, students included, but how often does it occur that after such plans have been adopted, the persons who occupy the buildings concerned, find that they are neither to their liking nor capable of fulfilling the purpose for which they were erected? There is a possibility of this occurring in the case under consideration. After the buildings are erected, the occupants may find that they are unsuitable and unsatisfactory.

No expense should be too great in the erection of such buildings as student residences; the place where the members of the University are to eat, sleep and study should be the finest and most complete among the buildings which are to rise up in Macdonald Park. Nothing should be too good for the residences, which will have so great an effect upon determining the welfare of the student body. There should certainly be some move made on the part of the University authorities towards consultation with the students. Give the residents a say in how the buildings they are to occupy are to be planned!

Words, Words, Words

The Princetonian contains some timely advice in a recent issue:

"Going on a quantity basis, the Princeton undergraduate may be understood to know all there is to know about composition in English, for the themes extracted from him during a term are as numerous as brown leaves in fall—and usually about as dry. But quantity, unless one is writing for a popular monthly, counts little in writing, and the jumbled mass of sentences thrown hastily together and spread thin over eight or ten pages of foolscap has only that characteristic. The student is, of course, fundamentally at fault. We do not hold him up to be a shining container of original ideas and brilliant criticism. But at least he has personal reactions—sometimes—as all animals must have, and unless these are extracted through the medium of the theme he might just as well spend his time frankly copying a text-book.

"There are several points to be borne in mind about themes. One is that in many courses it is impossible, in all courses inadvisable, for a student to commence writing until he is well enough along in his work to have gained a comprehensive idea of the subject. A theme cannot be written about one isolated branch of a subject before some background has been acquired. In the matter of theme writing, the vice of procrastination is encouraged by the realization that to a certain extent the later a theme is written the better. Hence the eleventh hour activity to escape debarment; and when this activity is extended to cover five courses, the result is five or more translations of kindly prefaces, essays, or treatises written by wiser men of earlier generations.

"Theme writing is part of an English course by nature, but its mission in most other departments frequently is to give the student a piece of concrete knowledge such as the lectures and preceptorials admittedly fail to give him;—also probably to make him do some work. It succeeds in the latter aim by piling up all his outside work in the second half of the term, thus creating an unavoidable inequality. If professors conducting the various courses could work in harmony, so that themes in several courses should not be due the same week, this congestion would be relieved. And if, instead of two or more themes, each course except English should limit itself to one on subjects chosen early in the year, the collection of material at least could be moved forward to the first half of the term. Many students capable of writing well would then get out of their present habit of cramming mere thousands of words into themes for the sake of a passing grade, would have the incentive to exercise care and discriminating judgment in the selection of ideas, and would bore into the heart and core of at least one particular subject. If the professor found this one essay carefully written, he could return it with a request that its writer work over his production until it was satisfactory."

At the Theatres

A PAIR OF SIXES.

"A Pair of Sixes," Edward Peppie's laughing festival, under the direction of H. H. Frazee, is announced as the offering at the Princess Theatre the week starting Monday, February 14th, with matinees Wednesday and Saturday, with Oscar Figman and the New York company.

No play of recent years has created more laughter than this sparkling comedy. The chief motive of "A Pair of Sixes" concerns the ingenious scheme of a young woman who, figuratively, shows how a queen of hearts is better than "A Pair of Sixes." All of which develops after two young men, partners in business, decided to separate—commercially. The lawyer for the firm is called in, and he finds the condition aggravated to the point where no amicable agreement can be made, so he proposes a hand of show-down poker. The winner shall be known as the master and operate the business for a year, unmolested by the other, who is, however, to be credited with his share of the profits.

The loser is to be known as the "man," and must serve the "Master" in the capacity of servant for one year. They agree on the scheme and its details, the lawyer puts it in legal form, and when the hand is dealt a pair of sixes proves to be high. From this promise, the complications develop new and laughable situations for the ensuing two acts, in which the wife of one partner and the fiancée of the other take a hand in the affair, which, eventually, becomes more hopelessly involved by the office stenographer. As an added feature to the coterie of seemingly endless complications, the English housemaid becomes innocently entangled in an affair with the "servant" partner, and the family finally evolves into a divorce mill. To unravel these complicated mixtures, the clever young woman of the plot surprises the lawyer at his own game and re-establishes the young men in their office.

Mr. Frazee has cast "A Pair of Sixes" with a lavish hand, and in the local presentation will appear, besides Oscar Figman, such well-known artists as Kate Guyon, Jack Raffael, Rita Carlyle, George Leflingwell, Ethel Wilson, Richard Earle, Hilda Graham, and others. A year in New York and six months in Chicago is but a brief record of the comedy's run in the larger cities.

OTTO DEMUTH HAS TYPHOID

(Continued from page 1.)

convalescing. Another is on the Aquitania. The others—
"Wish you would send me a couple of McGill Dailies, as I haven't seen one since last year. The war is looking much brighter now than it did a few months ago.

"Malta is one huge hospital, capable of handling 25,000 sick and wounded. Hundreds of ships call there every month. A few enemy submarines still lurk about. Saw the Persia a couple of days before she was sunk. She was a lovely big ship; such a disgrace to sink a ship loaded with women and children. I think the English should forbid every non-combatant man, woman and child to travel in dangerous waters. The day is not far distant when right shall be backed up by our new growing might. Give my best regards to all the boys at Old McGill.

"LIEUT. O. DEMUTH, R.A.M.C.,
"care of Messrs. Holt & Co.,
"No. 3 Whitehall Place,
"London, S.W."

RE LEAVE OF ABSENCE.

In response to a question relative to the C.O.T.C. parade on Thursday evening, the Committee of Management of the Senior Play wishes to make the following statement:

Formal application on behalf of the management was made to the officers of the McGill University C.O.T.C. to give all student members of our battalion leave of absence for Thursday evening, in order to allow them an opportunity of attending the Senior Play, without having to make individual requests for leave of absence.

It was felt by the committee, considering that the proceeds of the play were to be devoted to Patriotic purposes, and that the Senior Play would be the only organized University function this session that no difficulty would be encountered in the way of the responsible officials granting general leave of absence to all undergraduates in our own University battalion.

Although a general leave has not been granted to the students, everyone who makes formal request for leave will obtain same providing twenty-four hours notice be given to the C.O. of any particular company.
C. R. MCKENZIE,
Chairman of Executive.

ATHLETIC ASSOCIATION.

A meeting of the Athletic Association Executive is called for Thursday next, at 5 p.m., in the Union.

SENIOR PLAY CAST.

An important full dress rehearsal of the entire cast of the Senior Play will be held at 8 o'clock this afternoon at the R.V.C. Everyone is requested to be present—on time.

MANY MEN JOINED 148TH YESTERDAY

Very Few Men Turned Down Out of Large Number Recruited.

The result of recruiting yesterday was excellent. Out of 42 men who applied, 37 passed the Medical Officer, which meant that only five out of the total number of applicants were turned down through physical disabilities. This is a most unusual record, and ever since recruiting for battalions in Montreal started, at the commencement of the war, a result of this nature has never yet been touched. The fact is a very true indication of the fine standard of men applying for service to-day, and assures for the 148th a body of men who will not only be a credit to the active forces, but also a credit to themselves.

This high standard of recruiting must influence a large number of young men who up to now have been hesitating to join the ranks; and it is confidently expected that the men who are at present joining and making such a fine record for the 148th will attract a considerable number of men of the same standing.

From the list given of some of the men signed on yesterday, it is extremely interesting to note the large number of cases where men are following the examples set to them by their direct relatives:

P. Tabner, has one brother with the Royal Engineers, and two brothers in Kitchener's Army.

F. W. Stephens, who has joined, has a brother who is already enrolled with the 148th. His father is in France to-day.

John House, has one brother in Kitchener's Army.

G. A. Gordon, Montreal, has one brother with the 42nd.

W. E. Burbridge, has one brother with the 27th.

A. Liddle, of Montreal, has one brother with the 24th.

R. Cruickshank, one brother in the Camerons.

S. Bernard, has one brother with Lord Strathcona's Horse, and another brother with the 58th.

G. W. Hawkins, has one uncle and four cousins at the front.

E. Arnold, has one brother with the 58th.

W. Jeffreys, has a brother in the Royal Navy.

J. Atkinson, brother in the Army Veterinary Corps.

The following men enrolled are from Montreal: A. C. Trickey, C. S. Furlong, O. F. Duquette, A. Lebeault, W. L. Stacey, S. M. Stanley, H. P. Butler, H. Lyth, J. Dignan, J. J. Hewitson, F. H. Gorman, J. E. Daniels, M. P. Pickel.

THE LIFE OF A SIGNALLER

(Continued from Page 1.)

road, have city water, telephones and electric light, street cars to the city limits, fare 10 cents (2 cents), so we are not badly off. This is a large place; perhaps 250,000 people are close packed, as they are in these cities.

"It is a mixture of ancient and modern, and of all types of people under the sun. Then it is crowded with soldiers in uniform—Greeks, British, French, Italians, Serbs, Bulgars, Germans and Turks. The country is not unlike that around Victoria. There are vineyards, however, and many trees now to me. The markets have a little orange, very like the Japanese oranges, and the dried figs look very nice, but the vendors are so dirty I have not tried any yet.

"The weather is not now so bad as it was a month ago. This is a beautiful bright day, just such a day as we often get about Christmas, which feast we will not observe, as we will be hard at work pitching camp.

"There is also much game here, duck, partridge, snipe, curlew, plover, woodcock (the best in the world), doves, etc. You will see that on the whole it is not a bad place.

"The worst thing about it is that the sanitary ideas of the people are, to say the least of it, extremely elementary. Canadians have a good name here. No. 4 General Hospital is here, and has already a tremendous reputation for work and general efficiency. We are getting as ratings at present, once a week, fresh beef (Argentine), the rest of the time tinned (bully) beef; once a week fresh bread, the rest hard tack; potatoes (local) twice a week, some sugar, salt, tea and candles. So you see, we will not go hungry. But we get no news and know nothing of the future."

SNOOKER TOURNAMENT

C. E. Shapiro, Med. '20, Defeats Allan Clarke, Sel. '17, in Final.

The Annual Snooker Tournament at the Union was completed yesterday, by the victory of C. E. Shapiro, Med. '20, over Allan Clarke, Sel. '17.

Shapiro deserves great credit for his consistent work throughout all his games, as he is practically a newcomer to the game, and in the finals was up against a veteran. The entry list for the tournament was much smaller than last year, there being only 21 contestants. The entrance fees, amounting to \$10.50, will be divided between first and second prizes, to the value of \$6.50 and \$4 respectively. It is the intention of the House Committee to start the Annual English Billiard Tournament about the third week in February.

What's On

To-day.

3.00 p.m.—Societe Francaise Play, R.V.C.

3.00 p.m.—Senior Play Dress Rehearsal.

5.00 p.m.—Chemical Colloquium—Chemistry Building.

5.00 p.m.—Mandolin Club Practice—Peate School of Music.

5.00 p.m.—Practice Wrestling Club—Union.

7.30 p.m.—Fencing Club in Union.

8.00 p.m.—Historical Club.

8.00 p.m.—Skating Party, Campus Rink.

8.15 p.m.—Montreal Metallurgical Association—Chemistry Building.

Hockey Hours.

12-1—Dentistry.
1-2—Medicine '19.
2-3—Arts '18.
4-7—Skating.

Coming.

Feb. 10.—McGill Daily managing Board, McGill Union, 5.00.

Feb. 10.—Athletic Association executive, Union, 5.00.

Feb. 10.—Fancy Skating, Campus Rink, 8.00.

Feb. 10.—Law vs. Dentistry, 12.00.

Feb. 10.—C.O.T.C. parade at 7.45.

Feb. 10.—Ry. Y.M.C.A. vs. McGill—Intermediate and Junior Basketball.

Feb. 10.—Senior Play—Students' night, R.V.C.

DR. BARNES ON "THE SUBMARINE"

(Continued From Page 1.)

for 14 miles. It also carried a torpedo in the bow.

Nordenfliet's second submarine was purchased by Turkey, and the next two by Greece. The boats were tested by running under the water and firing the torpedo. The expulsion of torpedo lessened the weight in the front of the boat and the submarine went to the bottom. This naturally discouraged mechanics from working in it.

The first British submarine was modelled after the American type Holland in 1901. The different classes of the submarine were explained. The size, speed and tonnage are numbered alphabetically and the types run from the small A to the large M.

These various types contain improvements such as the gyroscope—vertical and horizontal rudder, and possess positive buoyancy. The interior of the modern submarine is a mass of machinery. There are ballast tanks, and for long distance runs oil can be used, which doubles the radius of action. Oil engines are for surface operations; electric motors are used under water. These high power motors communicate a high pitched tone which can be heard by the microphones of other boats.

The modern German submarine nearly approaches the appearance of a surface boat with its interior decks, etc. The large U-1 and U-12 are made possible through the concentration of power in the storage batteries and through the oil fuel.

The first German submarine was built in 1905.

The American submarines range from the small Holland class to the large M class. The largest boats are 260 feet long and have a displacement of 1,454 tons, with a speed of 20 knots on the surface and 11½ knots under water. They can go 3,000 miles, and with oil fuel 6,000 miles, so the Atlantic can be crossed twice.

The American submarine has four torpedo tubes, and to overcome change of weight when the torpedoes are shot, water is allowed to enter. Mr. Barnes here described the construction of the periscope.

The Germans invented the submarine guns, which are used as anti-aircrafts.

Symond Lake, an American, has invented a submarine that can go on wheels on the bottom of the sea—and he designs it mainly for collecting specimens. By air locks a diver can get out of the submarine and pick up his specimens and return to his boat!

Torpedoes are from 18-20 ft. long. The Whitehead torpedo dates from 1860. It was invented in Austria. England bought the rights for £15,000. It is the most wonderful implement of warfare that mankind has yet devised.

Protection against submarines is afforded by nets in the sea. One of the favorite sports of the Englishmen at present is fishing German submarines in the English Channel. The openings in the nets are known to the admiralty alone.

The lecture throughout was illustrated by splendid lantern slides, and at the close a film showing operations in the munitions factory was given.

Miss Hunter moved a vote of thanks to the speaker who was heartily applauded.

UNCLAIMED LETTERS.

The following unclaimed letters are at the Registrar's Office:

Adolphus Browne, Prof. G. L. Guilbert, Patrick I. Mehan, Dr. Frederick R. Miller, D. Randall, G. L. Stewart, Prof. Workman.

The Registrar would be obliged if students, or others, who know the present address of any of the above-named would notify him of same.

The Medical Faculty of Queen's University is to hold a banquet in the Hotel Frontenac this evening, and among the guests will be the officers of the Queen's Hospital Corps, which is soon leaving for Cairo.

RESUME OF THE SENIOR PLAY

"Trelawney of the Wells," Is One of Pinero's Finest Comedies.

The undertaking of this senior class is probably the most ambitious of any yet attempted.

This afternoon and evening the cast will assemble for their final rehearsal. The finishing touches, which always add so tellingly to the final result, will be emphasized, so that every one in the play is especially requested to be on hand promptly, and prepared to appear in costume.

In addition to other attractions, this year's play presents a galaxy of costumes. Great care has been taken to approximate the costumes to the time and conditions represented. The time of the play is 1860 or thereabouts, and the scene is laid in London.

The play itself is a character comedy, portraying the life of supposed stars and their friends, both off and on the stage. The characters are consistent and sustained throughout. Special interest will be taken in the contrast drawn between theatrical life and the existence of the West Enders. Comic characters here and there add spice and real humor to many situations. The culmination of the play, which does not come until the last moment, is intensified by complications.

The story is one of romance. In the first scene we are introduced to a troupe of actors and actresses in a boarding-house. The star actress, Miss Trelawney, along with her husband-to-be, is present, and is teased by the rest of the company. In Act II, the scene shifts to Cavendish Square, and acquaints us with the refined home and atmosphere in which the young gentleman who is to marry Miss Trelawney lives.

The next scene takes us back to the surroundings of the theatrical people, and makes very plain the difference in the life of these two classes. The final scene is a representation of the stage upon which Tom Wrench's comedy is being rehearsed. The young couple, separated by misunderstanding and failure to fit into one another's surroundings, are re-united in an impressive and dramatic climax.

As this is one of the few organized functions put on by the undergraduates during this session, those in charge feel that they will be well supported by all students and their friends. Outside of the appeal made by the purpose to which the proceeds will be devoted, the performance itself will repay the time and money spent in seeing "Trelawney of the Wells."

Up to the time of going to press the tickets have been selling in a manner quite pleasing to the business manager. Any who have not already obtained their tickets may get them at the Arts Building, R.V.C., McGill Union, and class representatives.

INNOVATIONS FOR GYM. COMPETITION

Voluntary Movements Added—Contestants Must Be Able To Swim Fifty Yards.

Two special announcements of interest to intending competitors in the forthcoming gymnastic competitions have been made.

The first is that the "Voluntary" movements are to be put on again, and the second, all competitors will be required to swim a distance of not less than fifty yards.

The voluntary movements, one or two in number, in which the competitor has his own choice, give an opportunity to display ability in performing difficult feats. These are marked on a slightly higher basis than the set movements, and it is here, usually, that a man's real ability is shown.

The new requirement that all competitors be able to swim at least fifty yards may or may not bring hardship to some. It is hardly reasonable, however, for a student to win the all-round gymnastic competition of the University who cannot swim fifty yards. The intending competitors who cannot at present swim the required distance can soon do so by attending the special swimming class and getting some additional instruction.

It is expected that all those who intend competing will hand their names in as soon as possible. The first extra practice period will be held tomorrow afternoon at five o'clock, when instruction will be given on the parallel bars.

HISTORICAL CLUB.

The Historical Club meet this evening at Dr. Colby's home, 560 Pine Avenue. P. A. G. Clark will read a paper on "Treitschke's Theory of State," and T. W. L. MacDermot on "Treitschke and England." The members are requested to keep this meeting in view as the subject is on that is most vitally connected with the understanding of the present crisis.

DEAN LEE WILL SPEAK.

Dean R. W. Lee, M.A., of the Faculty of Law, will speak on "Imperial Union After the War," at the meeting of the Young People's Society of Shaar Hasomayim, in the vestry rooms of the McGill College Synagogue, this evening at 8.15. Michael Garber, Law '17, will read a paper, and Moe Golt give a violin solo.

We bought early and so got the advantage of the old prices. We also took delivery of the goods early, although the prices of Cashmere Socks have already advanced 60 per cent. and will advance further, we are still selling them at the same prices as for the last three years.

Black Cashmere Socks, .25, .35 and .50 pair.
Business Hours: 8.30 a.m. to 6 p.m.

Goodwin's LIMITED

AMUSEMENTS

TO-NIGHT at 8.15 p.m.
Matinees Wed., Thurs. and Sat.

"A Bachelor's Romance"
NO PERFORMANCE FRIDAY EVENING.
MATS., 25c; EVES., 25c, 50c and 75c.
Next Week—"Little Lord Fauntleroy." Gala Benefit for the 148th Regiment, Monday, MME. BEATRICE LA PALME and LT. EDMUND BURKE will sing.

PRINCESS To-night at 8.15 p.m.
Mutt and Jeff in College
PRICES—Eves., 25c to \$1.00; Mats., 25c to 75c.

NEXT WEEK SEATS THURSDAY.
H. H. HAZEL Presents
THE LAUGHING FESTIVAL
A Pair of Sixes
With OSCAR FIGMAN
Prices—Eves., 50c-\$1.50; Mats., 50c-\$1.

VAUDEVILLE ORPHEUM
Matinee Every Day—12-25 Cents.
"The Highest Bidder": Moon & Morris
Anna Chandler; Nedverold's Baboons
John and Winnie Hennings; Cooper & Smith; 7-Colonial Maids—7; Bert and Beadie Wheeler. Pathe's War Gazette, which includes a remarkable reel showing the disastrous fire at the Parliament Buildings, Ottawa, Sunday—Feature Concert at 2 p.m. and 7 p.m.

GAYETY Burlesque
Afternoon 15c to 25c
Prices Evening, 15c to 75c
BLUTCH COOPER'S
"GYPSY MAIDS"
Headed By These Two Inimitable Comedians,
WILL J. KENNEDY and JACK MILLER.

IMPERIAL
Would You Sell Your Hand for \$10,000?
See ROBERT EDESON in
MORTMAIN
TO-DAY AND TO-MORROW,
MARION LONDON
Lyric Soprano.

LONDON
Opposite Phillips Square
TWO BIG HITS
LAST DAY TO-DAY
HERBERT KELCEY and
EFFIE SHANNON in
THE SPHINX
In Five Acts.
THURS. AND FRI.
GERTRUDE ROBINSON and
ALEXANDER GADEN in
AS A WOMAN SOWS
In Five Acts.

Connaught
OPPOSITE GOODWIN
The Aristocrat of Photoplay Houses
TO-DAY
CLARA KIMBALL YOUNG
The Greatest and Most Beautiful Motion Picture Artist on Earth, in
CAMILLE
Alexandre Dumas' Immortal Drama of Plot and Passion.

METALLURGICAL ASSOCIATION.
At the next meeting of the Montreal Metallurgical Association, to be held this evening, at 8.15, in the Chemistry Building, the subject will be: "Electrolytic Zinc, a New Canadian Industry." The subject will be introduced by Dr. Stansfield, and other speakers are expected who have worked on this problem.

Some Interesting Facts Revealed by the Annual Report

PUBLICATIONS BY PROFESSORS

Long List Issued In Connection With Annual Report.

IN ALL DEPARTMENTS

Contributions to Scientific Literature by Members of the Teaching Staff.

The professors do something besides giving lectures and marking examination papers. This is clearly shown by one section of the annual report of the University, just issued, which embraces a list of publications by members of the staff during the year. The list is as follows:

Abbott, Maude E.

"Patent Ductus Arteriosus with Acute Infective Pulmonary Endarteritis." (With W. P. Hamilton.) Transactions Association of American Physicians, 1914.
"Congenital Cardiac Disease." In Osler and McCrue's Modern Medicine, Vol. IV, pages 324-448, 2nd Edition, 1915. Lea and Febiger.
"Revised Torsion of the Human Heart—Preliminary note." (With Dr. Frederic T. Lewis, Harvard Medical School.) The Anatomical Record, Vol. IX, No. 1, 1915.
"Descriptive Catalogue of the Medical Museums of McGill University—Part IV, Section I, the Haemopoietic Organs." (With Professor Oskar C. Gruner.) Oxford University Press, 1915.

"Bulletin No. V of the International Association of Medical Museums." (With Prof. A. S. Warthin.) Ann Arbor Press, June, 1915.
"Obituary Notices of Lord Strathcona, Sir Jonathan Hutchinson, Professor C. S. Minot." Bulletin No. V of the International Association of Medical Museums, June, 1915.

"Two Cases of Widely Patent Foramen Ovale." Bulletin No. V of the International Association of Medical Museums, June, 1915.

"Congenital Pulmonary Atresia with Perforate Interventricular Septum in a Patient aged Nine Years and Six Weeks." (With Dr. S. B. Wolbach.) Bulletin No. V of the International Association of Medical Museums, June, 1915.

"On the Differentiation of two Forms of Congenital Ectocardia." (With Dr. C. J. Meakins.) Bulletin No. V of the International Association of Medical Museums, June, 1915.

Adams, Frank D.

"A Graphic Method of Representing the Chemical Relations of a Petrographic Province." Journal of Geology, Vol. XXII, 1914, p. 5, with illustrations.
"Problems of the Canadian Shield." Dana Commemorative Lectures, Yale University, New Haven, Conn., p. 38, with 5 plates and other illustrations, 1915.
"The National Domain in Canada and its Proper Conservation." Commission of Conservation, Ottawa, 1915, p. 48, with two maps, 8 plates and a number of additional illustrations.

"Our Mineral Resources and their Proper Conservation." Commission of Conservation, Ottawa, 1915, p. 20.
"Mémorial of Alfred Edward Barlow." Bulletin of the Geological Society of America, 1915, p. 5 and plate.

"The Conservation of our Mineral Resources." Bulletin of the Canadian Mining Institute, Montreal, p. 15, 1915.
Armstrong, G. E.
"Typhoid Perforation." Surgery, Gynecology and Obstetrics, Chicago.
"Results of Operation for Malignancy of the Breast." British Journal of Surgery, Bristol, England.

Armstrong Henry F.

"Descriptive Geometry for Students in Engineering Science and Architecture." Messrs. John Wiley & Sons, New York, 1915.

Ballou, D. H.

"Recent Investigations on the Semicircular Canals and their Clinical Applications." Canadian Medical Association Journal, Vol. IV, No. 10, October, 1914.

Bancroft, J. Austen.

"Report on the Copper Deposits of the Eastern Townships." Published by the Bureau of Mines of the Province of Quebec. (In press.)

Barnes, H. T.

"The Thermal Expansion of Quartz." Trans. Royal Society of Canada, May, 1915.

Barr, E. Godfrey.

(See Herdt, L. A.)

Brown, E.

"Tests on the Shearing Resistance of Reinforced Concrete Beams." (With H. M. Mackay and D. M. Morsen.) Read before the Canadian Society of Civil Engineers, Vol. XXIX, Part I. Trans. Can. Soc. C. E., 1915.

Brown, E. Godfrey.

(See Herdt, L. A.)

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Brown, E. Godfrey.

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"The Crushing Strength of Ice." (With Prof. H. M. Mackay.) Trans. Royal Society of Canada, May, 1915.

"The Effect of the End Connections on the Distribution of Stress in Certain Tension Members." Journal of the Franklin Institute, August, 1915.

Brown, E.

"Tests on the Shearing Resistance of Reinforced Concrete Beams." (With H. M. Mackay and D. M. Morsen.) Read before the Canadian Society of Civil Engineers, Vol. XXIX, Part I. Trans. Can. Soc. C. E., 1915.

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UNIVERSITY ENDOWMENT

AMOUNTS TO \$6,720,896.54

The Figures Were Recently Published in the Annual Report of the University.

INTERESTING STATISTICS

Funds Include Donations for Chairs, Fellowships and Scholarships; Rest Miscellaneous.

The endowments of the University amount to \$6,720,896.54, distributed as follows:

CHAIRS, ETC.—

Peter Redpath Chair of Pure Mathematics	\$20,000.00
Sir W. E. Logan Chair of Geology	20,000.00
Molson Chair of English Language and Literature	40,000.00
John Frothingham Chair of Philosophy	40,000.00
D. J. Greenhills Associate Chair of English Literature	40,000.00
Gale Chair in the Faculty of Law	25,000.00
William Scott Chair of Civil Engineering	30,000.00
Hiram Mills Chair of Classics	43,070.32
Macdonald Chair of Physics	120,000.00
Macdonald Chair of Electrical Engineering	60,000.00
Macdonald Chair of Mining	60,000.00
Macdonald Chair of Architecture	50,000.00
Macdonald Chair of Chemistry	110,000.00
Macdonald Chair of Botany	50,000.00
Macdonald Chair of Moral Philosophy	50,000.00
Macdonald Chair of Education	60,000.00
Dr. William Kingsford Chair of History	50,000.00
Sir William Dawson Chair of Geology	50,000.00
William Dow Chair of Political Economy	70,000.00
Henry Birks Chair of Metallurgy (part)	70,000.00
Dr. Joseph Morley Drake Chair of Physiology	25,000.00
Robert Reford for Anatomy	100,000.00
Lord Strathcona for Pathology and Hygiene	100,000.00
R. B. Angus for Economics and Political Science	50,000.00
John Frothingham Principal Fund	40,000.00
Dr. James Douglas Lectureship in Pathology	25,000.00
Dr. William H. Drummond Lectureship (part)	10,000.00
Dr. B. J. Harrington Lectureship in Mineralogy (part)	2,500.00
Philip S. Ross, Demonstratorship	15,000.00
S. H. Ewing, Demonstratorship (part)	5,000.00
Dr. James Douglas Tutorship in Faculty of Applied Science	25,000.00
	\$1,455,620.32

LIBRARY—

Redpath Library Fund	\$120,000.00
McLennan Travelling Library Fund	20,000.00
Faculty of Applied Science Library Fund	4,179.59
William Molson Library Fund	4,400.00
Dr. Casey A. Wood Library Fund	3,000.00
Hugh S. McLennan Library Fund	250.00
H. W. Thornton Memorial Fund	3,000.00
Wm. Wood Redpath Memorial Fund	1,000.00
Macdonald Philosophical Book Fund	1,000.00
Hon. F. W. Torrance Mental and Moral Philosophy Book Fund	1,000.00
Dr. Clark Murray Philosophical Book Fund	1,000.00
Alice E. Redpath Book Fund	500.00
	\$159,329.59

FELLOWSHIPS, SCHOLARSHIPS, PRIZES, ETC.—

Dr. James Douglas Research Fellowship in Pathology	\$25,000.00
Dr. James Douglas Research Fellowship in Mining	10,000.00
Philip P. Carpenter Fellowship	13,350.00
Sir William Dawson Fellowship in Mining and Metallurgy	11,123.06
A. A. Browne Memorial Fellowship	10,000.00
Macdonald Scholarships	25,000.00
Narcissa Farrand Scholarship	7,000.00
Dr. T. Steery Hunt Scholarship	8,815.50
Hon. Robert Jones Scholarship	5,000.00
Charles Alexander Scholarship	2,000.00
District of Bedford McGill Graduates' Society Scholarship	2,000.00
Baylis Scholarship	2,000.00
Trafalgar Scholarship	2,000.00
Barbara Scott Scholarship	2,000.00
Jane Redpath Exhibition	1,667.00
Walter Scott Exhibition	1,100.00
Alex. Morris Exhibition	1,000.00
British Association Medals and Exhibition	2,605.00
Major Hiram Mills Medal and Scholarship	1,500.00
Anne Molson Gold Medal	2,200.00
Henry Chapman Gold Medal	700.00
Elizabeth Torrance Gold Medal	1,000.00
Sir W. E. Logan Gold Medal	1,000.00
Prince of Wales Gold Medal	1,000.00
Shakespeare Gold Medal	1,000.00
Sutherland Gold Medal	1,000.00
Dr. Casey A. Wood Gold Medal	1,000.00
Alexander McKenzie Memorial	12,500.00
Hannah Willard Lyman Memorial	1,074.05
Dr. Joseph M. Drake Prize	1,080.00
J. C. Wilson Prize (School for Teachers)	1,000.00
Penhallow Prize	910.01
Chester Macnaghten Prize for Reading	575.00
Dr. Joseph Hills Prize	500.00
Annie McIntosh Prize	425.00
Neil Stewart Prize	340.00
R. J. Wicksteed Medals	200.00
	\$160,664.26

MISCELLANEOUS—

General Endowment of 1856 and 1871	\$55,770.00
Endowment Fund of 1881	32,700.00
General Campaign Endowment Fund, 1911 (part)	905,706.38
Macdonald Endowment for Macdonald College	3,023,896.70
John H. R. Molson Endowment	100,000.00
Mrs. J. H. R. Molson Endowment	77,500.00
Heirs John Thos. Molson Endowment	50,000.00
E. H. King Endowment	50,000.00
Robert Reford Endowment	50,000.00
Lord Strathcona Endowment for Salaries	50,000.00
James Ross Bequest	100,000.00
G. B. Cramp Endowment	22,920.00
Miss Mary A. Cramp Bequest	25,000.00
R. J. Wicksteed Bequest	52,000.00
Hon. F. W. Torrance Bequest	41,000.00
Dr. George W. Campbell Memorial Fund for Medical Faculty	48,906.04
Leachon Endowment Fund for Medical Faculty	50,000.00
Dr. Robert Craik Fund in the Medical Faculty	4,000.00
Mrs. (Mary) Dow Bequest, Medical Faculty	9,000.00
Faculty of Law Endowment	70,000.00
Faculty of Arts Endowment	4,300.00
Charles Gibb Botanical Fund	30,800.00
Andrew F. Gault Endowment for Faculty of Arts	9,000.00
Faculty of Applied Science Endowment	6,100.00
Macdonald Endowment for Maintenance of Mining and Metallurgical Departments	55,000.00
Macdonald Endowment for Maintenance of Chemical Department	135,000.00
Macdonald Endowment for Faculty of Law	232,500.00
Macdonald Endowment for Maintenance of Engineering Building	85,000.00
Macdonald Endowment for Maintenance of Architectural Department	10,000.00
Macdonald Endowment for Maintenance of Chemistry and Mining Building	225,000.00
Macdonald Endowment for Maintenance of Physics Building	150,000.00
Macdonald Experimental Psychology Fund	5,000.00
Macdonald Endowment for Repairs to Buildings	15,000.00
Macdonald Auxiliary Fund	235,250.00
Thomas Workman Workshops Endowment	59,862.59
Lord Strathcona Endowment for Donalds Special Course for Women	120,000.00

(Continued on page 4.)

REPORT FROM THE LIBRARY COMMITTEE

Five Thousand New Volumes Have Been Added to the Library During the Year.

ACKNOWLEDGE MANY GIFTS

Library School Discontinued, But Travelling Libraries and Book Club Make Good Showing.

Many interesting facts in connection with the Redpath Library are given in the Report of the Library Committee.

The report reads:

TO THE CORPORATION OF MCGILL UNIVERSITY:—
Gentlemen,—The Library Committee herewith submits its report for the year ended 31st August, 1915:

International Catalogue of Scientific Literature.—The Canadian Regional Bureau of the International Catalogue has felt keenly the effects of the war in which the Empire is now engaged. Of the experts who had been assigned scientific headings, several have gone to the front; while most of those remaining behind have been so fully occupied with military duties as to be unable to devote little time to anything else. As a result, the output of cards in certain subjects has temporarily ceased; although, in other subjects, the usual amount of work has been accomplished. However, it is expected that, during the present year, it will be possible to resume work in all the divisions of science which the Catalogue includes.

Library School.—Owing to the financial stringency induced by the war, and notwithstanding a considerable number of applications which had been received for admission, your Committee decided with regret to discontinue for the year 1915, the Summer Course in Library training, which, during the past eleven years has become a recognized feature of the work of the McGill University



Don't Wear the Same

hat day after day. "A change is as good as a rest" and the saying is very applicable to men's dress.

English Caps - \$1.00 up
New Alpine - \$2.50 up

Exclusive Representatives:
DOBBS & CO.
Fifth Avenue Hats

FASHION-CRAFT
Clothes Shops

MAX BEAUVAIS, LTD.,
229 St. James St. West End—463 St. Catherine W.

REPORT FROM THE LIBRARY COMMITTEE

(Continued from Page 3.)
ADDITIONS.

Gifts	3,301
do. (Travelling Libraries)	95
Purchases	1,449
do. (Travelling Libraries)	214
Periodicals bound	91
Exchanges received	20
Reported lost but subsequently returned	30
LESS	5,194
Lost	70
Withdrawn	18
Lost (Travelling Libraries)	28
Withdrawn	17
Net gain for year	133
In Library, August 31, 1914	5,061
Departmental Libraries	124,074
Total volumes	129,135
Also pamphlets, maps, charts, plans, and photographs.	22,226
Also pamphlets, maps, charts, plans, and photographs.	151,361

Respectfully submitted,
On behalf of the Committee,
C. H. GOULD,
University Librarian.

CAPT. SCRINGER, V.C., ILL.

Capt. F. A. C. Scrimger, one of the McGill men awarded the Victoria Cross for gallant conduct at the second battle of Ypres, is in No. 6 Hospital at Boulogne, suffering from blood poisoning. Capt. Scrimger is Medical Officer of the 14th Royal Montreal Battalion. A cablegram says that he is doing well.

MANAGING BOARD.

A meeting of the Managing Board of The McGill Daily will be held in the McGill Union, at five o'clock, to-morrow afternoon.

MAJOR McEWEN RECUPERATED.

Major Alan B. McEwen, Sci. '12, who has now recovered from wounds received at the front recently, has been taken from the hospital at La Touquet, and placed in charge of the 10th Battery of the 3rd Field Artillery. Major McEwen is at present fighting with his unit in the trenches in France.

TRANSFERRED TO P.C.L.I.

Stuart Allen, who was a lieutenant with the Royal Fusiliers, has been transferred to the P.C.L.I. in France, retaining his former rank.

PUBLICATIONS BY PROFESSORS

(Continued from page 3.)

Laski, Harold J.
"Personality of the State." The Nation, July 22, 1915.

Lee, R. W.
"Res Ipsa Loquitur." Canadian Law Times, April, 1915.
"On Sovereignty." Canadian Law Times, August, 1915.
"Notes on Canadian Cases." The Journal of the Society of Comparative Legislation (New Series), No. XXXIII, July, 1915.

Lloyd, Francis F.
"Graf's Ernährungsphysiologie." (A Review). Plant World, Vol. 18, 124-127, April, 1915.
"Absorption in Mirabilis Jalapa." Botanical Gazette. (In press.)
Review of "The Salton Sea—A Study of the Geography, the Geology, the Floristics and the Ecology of a Desert Basin." By D. T. MacDougal and collaborators. Science, Vol. 41, May 14, 1915, pp. 725-729.
Review of "The Climatic Factor as Illustrated in Arid North America." By Ellsworth Huntington. Science, Vol. 41, June 11, 1915, pp. 864-868.
"The Behaviour of Phytolacca to Various Environmental Stimuli." Annual report Carnegie Institute, Washington. (In press.)
"The Immediate Effects of the Injection of Reagents into the Ovary in Torrenia Fournieri." Ibid.
"The Behaviour of Protoplasm as a Colloidal Complex." Ibid.
"The Red Colour of the Mesocarp of Seeded Fruits in the Persimmon and a Method of Estimating Astringency Objectively." Am. Jour. Bot. (In press.)
"The Embryo-Sac and Pollen Grain as Colloidal Systems." Paper presented at the 20th anniversary of the New York Botanical Garden, and now being printed in their report.

Lochhead, W.

"Jean Henri Fabre, the French Entomologist." Annual Report Ontario Entomological Society, 1914.
"Heredity and Genetics." A booklet of 75 pages, prepared privately for class use.
"Economic Grasses; their Habits, Structure and Identification." A Booklet of 32 pages, prepared privately for class use.
"Insects and Disease." Sixth Annual Report, Quebec Society for the Protection of Plants, Sept., 1914.
"The Web of Life." Seventh Annual Report, Quebec Society for the Protection of Plants, 1915.
Monthly Editorials and Articles in the Journal of Agriculture of Quebec.
"The Embryo-Sac and Pollen Grain as Colloidal Systems." Paper presented at the 20th anniversary of the New York Botanical Garden, and now being printed in their report.

Lockhart, F. A. L.

"Pelvic Inflammation." Jour. of Obstet. and Gyn. Brit. Emp., Sept., 1914.
"Diseases of the Ovary." Reference Handbook of the Medical Sciences. (In press.)
"Ovariotomy." Reference Handbook of the Medical Sciences. (In press.)
"Diseases of the Fallopian Tubes." Reference Handbook of the Medical Sciences. (In press.)

Ludlow, T. W.

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(Continued from Page 3.)

James Cooper Endowment for the Study and Teaching of Internal Medicine	60,000.00
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ORGANIZING HOSPITAL UNIT.

The University of St. Francois Xavier at Antigonish, N.S., is organizing a hospital unit for overseas service. Imperial authorization was received yesterday, and the work of mobilization begun at once.

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JUNIORS NEARLY LOSE FIRST GAME

Freshies Outplay Juniors, But Are Forced To Be Content With Tie.

The Science Freshies outplayed the Juniors in nearly all stages of the game held on the Campus Rink between 1 and 2 p.m. yesterday. Nevertheless, the Juniors managed to hold them to a 2-2 score and stay even for ten minutes of overtime, the game being finally called off at 2:25 to enable the players to attend their lab. periods.

The Freshies started right out to out-skate and out-play the Juniors, but missed most of their shots. Hartz, in goal for '17, stopped what few bad ones came his way, and played a great game. The Freshies played well together throughout, and passed very consistently. Davis was their star player, and used his stick exceptionally well. Davis, besides being fast, passes freely and checks back well. Cowan showed good form occasionally, but was caught loafing several times. The whole team are free passers, and, though inclined to stick close together, may have a chance at the championship yet.

Wilson, Pope and MacPherson played clever games. MacPherson followed his usual rough tactics. His game was not as good as on Saturday against MacDonald. MacPherson proved a clever stick-handler, and fooled the Freshmen several times. He is a trifle too slow at getting started, which detracts considerably from his effectiveness.

The first half was fairly clean and fast, with the Freshmen having the edge of the play. The score at the end of the first half was 1-1. In the second half, Davis scored one in about eight minutes. Play was very rough, though there was no evidence of bad feeling shown. Science '17 made substitutions continually. With less than ten seconds to go MacPherson tied the score by a clever bit of stick-handling. Two overtime periods of five minutes were played with no change in the score. Final: 2-2.

The game will be re-played on Friday, from 3 to 4 p.m.

Line-up was as follows:

Science '19. Science '17.
Wickware . . . Goal . . . Hartz
Beach . . . Defence . . . Wilson
Davis . . . Defence . . . Scott
Peters . . . Forward . . . Pope
Cowan . . . Forward . . . MacPherson
Starkie . . . Forward . . . Charlton
Substitutes: Science '19, Thompson, Kearns, Anderson; Science '17, Ferguson, H. Ferguson.

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